

PH601S

Owner's Manual



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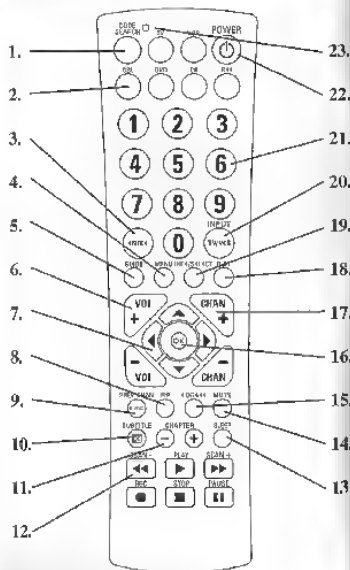
Introduction

Congratulations on your purchase of a Philips Universal Remote Control. Philips Universal Remotes let you replace a broken or lost remote or combine more than one remote into one.

This remote control operates the common features of most but not all models and brands of IR Infrared Controlled Video Equipment. This remote may provide functions that are not available on your equipment. Some functions of your particular equipment (e.g. menu functions) may not be controlled by this remote. In such cases, use the original remote control for your equipment. Please use this manual to become familiar with your Philips Universal Remote. After you are familiar with your remote the first thing you need to do is to install batteries and setup your remote for your particular product and brand.

Thank you for buying a Philips remote and we hope it will give you many years of service.

Button Functions



Note: The **REC** button must be pressed **TWICE** to record from your VCR. For some brands of VCRs, you might need to press the **REC** button once, then press it again for three seconds.

Some buttons on the remote might have functions that are referred to by different names on the device you are controlling. E.G. **PREV.CHAN** may be called **RECALL**. In **ENTER** may be called **DISPLAY**. These differences depend on the brand and model of your product. Also, this remote can only operate features that exist on your product. E.G. your product must have **PREV.CHAN** ability for the **PREV.CHAN** button to operate this feature.

Button Functions, cont.

- CODE SEARCH** Used for setup.
- TV, VCR, CBL, DVD, CD, SAT** Selects product to be operated.
- ENTER** Used after direct channel number entry to immediately change to the selected channel.
- MENU** brings up the DVD disc Menu screen - use with the **UP, DOWN, LEFT & RIGHT** navigation buttons.
- GUIDE** Displays on-screen program guide.
- VOLUME UP/DOWN** Changes the volume level of the product, normally the TV.
- UP, DOWN, LEFT & RIGHT** navigation buttons.
- PIP TV** Picture-in-Picture control.
- PREV, CHAN** Returns to the previously selected channel, or DVD repeat toggle. **REPEAT** performs DVD players "A-B Repeat" (or **RPT.A-B**) function for repeat play of current Chapter or Track.
- CC (SUBTITLE)** TV Closed Caption (if your TV has this feature) or DVD Subtitle toggle.
- CHAPTER +/-** controls DVD/CD track selection i.e. DVD/CD Track Skip Up/Down (in DVD and SAT modes). Note the VCR buttons also control DVD when in DVD Mode.
- RECORD, PLAY, STOP, REW, FF, PAUSE** VCR control buttons operate your VCR even when the remote is set to operate the TV. Also operates DVD Scan +/-.
- SLEEP** Turns off the TV after a period of 1 to 99 minutes.
- MUTE** Turns off the TV sound while the picture remains.
- TOGGLE** Swaps TV PIP screens.
- OK** Selects menu items for the device you are controlling.
- CHANNEL UP/DOWN** Changes the channels.
- QUIT** Used to exit menu functions.
- INFO/SELECT** Displays/selects on-screen channel information, etc.
- TV/VCR/INPUT** For some TVs, press repeatedly to select from available viewing sources (antenna, cable box, VCR, etc.).
- NUMBERS** Enter numbers for direct channel selection. Some products require **Enter** to be pressed after channel selection.
- POWER** Turns product On or Off.
- Red Indicator** Lights when any button is pressed.

Button Functions, cont

DVD Functions

STANBY and **STANB** buttons control the speed of Fast Forward and Reverse Playback respectively.

CHAPTER+ and **CHAPTER-** buttons respectively locate the succeeding or preceding Chapters in Tracks on a disc.

SUBTITLE button turns the subtitles on or off.

REPEAT button performs DVD players "A-It Repeat" (or RPT A.B) function for repeat play of current Chapter in Track.

INFO/SELECT button brings up DVD Display or Control Menu for Chapter/Track/Title number, Time remaining/elapsed indication, system information, etc.

QUIT button is used to Exit or Clear on-screen Menu displays.

PLAY button is used to start Disc playback and for Menu selection on some DVD players.

STOP button stops Disc playback.

PAUSE button pauses Disc playback - press **PLAY** to resume.

INPUT button activates the DVD Players SETUP Menu.

SAT Functions

GUIDE button displays on-screen Satellite Channel Guide.

CHAPTER+ and **CHAPTER-** buttons perform the "Page+" and "Page-" function for on-screen Guide Menus used by some Satellite systems.

INFO/SELECT button brings up Satellite Display screen for current Channel and system information.

MENU brings up the Satellite Menu screen - use with the **UP**, **DOWN**, **LEFT** & **RIGHT** navigation buttons.

OK button is used for on-screen Menu selection.

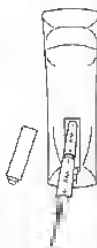
QUIT button is used to Exit or Clear on-screen Menu displays.

INPUT button performs the Satellite TV/SAT function.

Setup

Battery Installation

1. On the back of the remote, push down on the tab and lift the cover off.
2. Match the batteries to the + and - marks inside the battery case, then insert 2 AAA Alkaline batteries.
3. Press the battery cover back into place.



Battery Saver

Your remote automatically turns off if the buttons are depressed more than 30 seconds. This will save your batteries should your remote get stuck in a place where the buttons remain depressed (e.g., between the sofa cushions).

Code Saver

You will have up to 10 minutes to change the batteries in your remote without losing codes you have programmed. However, do not press any buttons until batteries are installed in the remote. If buttons are pressed without batteries in the remote, all codes will be lost.

Power-On Default

The remote powers on in TV mode.

Code Setup

The **CODE SEARCH** button is used to setup the remote. You can either setup the remote using the code for your brand of product, from the code tables (on separate sheet), or you can search through the library of codes until you find a code that works for your product.

Please refer to "Programming with Code Search" on page 8 for more information on using the code search feature to learn how to search through the library of codes for your products.

NOTE: You can store any kind of code under any mode (except TV). I.E. you can store a VCR code under the **CBL** button, or a DVD code under the **VCR** button, etc. However, you can only store TV codes under the **TV** button.

Direct Code Entry

1. Press and hold the **CODE SEARCH** button until the red indicator stays on, then release the **CODE SEARCH** button.
2. Press and release the desired mode button (**TV**, **VCR**, etc.). The red indicator blinks, then stays lit.
3. Enter the 4 digit code from the code tables (on separate sheet). Note: after a valid code entry, the red indicator turns off. For an invalid code, the red indicator flashes.
4. With your device on, press **CHANNEL UP**. If the device responds, no further programming is required. Note: If some buttons do not operate your equipment, try one of the other codes for your brand.

Write your codes down here for easy reference later.

Type	Type stored	Code
TV	TV	
VCR		
CBL		
DVD		
CD		
SAT		

Code Search

If your product does not respond after you have tried all the codes for your brand, or if your brand is not listed, try searching for your code by following these steps.

1. Manually turn on the device (TV, VCR, etc.) to be controlled.
2. Press and hold the **CODE SEARCH** button until the red indicator stays on, then release the **CODE SEARCH** button.
3. Press and quickly release the desired mode button (**TV**, **VCR**, etc.). The red indicator blinks off once.
4. Press the **CHANNEL UP** button repeatedly (up to 300 times) until the device to be controlled changes channel. The red indicator blinks off with each button press. If you accidentally overshoot the code required, press the **CHANNEL DOWN** button to back track through the library until the device changes channel. Pressing **CHANNEL UP** changes direction to forward again.
5. Press and release **MUTE** to install the code.

Code Search, cont.

Most users will store VCR codes under the **VCR** button, Cable codes under **CABLE**, etc. If (for example) you want to store a VCR code under **CABLE**, first follow the procedure for Direct Code Entry (previous page) and press **CABLE** in step 2 of Direct Code Entry, then enter ANY VCR code in step 3 of Direct Code Entry. Then follow the steps above for Code Search (on Brand Search, below). Note: If the device does not have a **CHANNEL UP** button, use **PLAY** (VCR only) or **POWER** instead. Code Search starts from the currently stored 4 digit number under that mode.

Code Search by Brand

Lets you search for a code for a specific Brand within the Code Library for a particular manufacturer.

1. Turn on the device (TV, VCR, etc.) to be controlled.
2. Press and hold the **CODE SEARCH** button until the red indicator remains on, then release **CODE SEARCH** button.
3. Press and quickly release the desired mode button (**TV**, **VCR**, etc.). The red indicator blinks off once.
4. Press and release the numeric button (0-9) corresponding to desired Manufacturer (see table on code list sheet). The red indicator blinks off once. Note, pressing "0" performs a full library search same as normal Code Search Method on previous page.
5. Press the **CHANNEL UP** button (or **POWER** or **PLAY** (VCR only)) repeatedly until the device to be controlled changes channel. The red indicator blinks off with each button press. If you accidentally overshoot the code required, press the **CHANNEL DOWN** button to back track through the library until the device changes channel. Pressing **CHANNEL UP** changes direction to forward again.
6. Press and release **MUTE** to install the code.

Brand Search Method entry is now complete.

Note: When all codes under a Brand have been searched the red indicator flashes rapidly for 3 seconds.

Code Identification Feature

The Code Identification Feature allows you to identify the three digit library code stored under your device key. For example, if you want to find out what three digit code is stored under your TV device key, follow the six steps below:

1. Press and hold the **CODE SEARCH** button until the red indicator stays on. Release the **CODE SEARCH** button.
2. Press and release the desired mode button (TV, VCR, etc.). The red indicator blinks, then stays lit.
3. Press and release the **CODE SEARCH** button. The red indicator blinks off.
4. To find the first digit for the code stored under the mode key pressed in step 2, press each numeric key from 0-9 in turn. When the red indicator blinks off the number you pressed is the first digit for the code you are searching for.
5. To find the second digit, repeat step 4, this time when the red indicator blinks off this is the second digit.
6. Repeat step 4 to find the third and fourth digits.

Sleep Timer

The **SLEEP** button operates the Sleep function of your device providing it supports the Sleep function. Alternatively, you can enable the remote to turn off your TV after a period of 1 to 99 minutes as shown below. This feature is only available for the TV Mode and the remote must be in TV Mode to set a Sleep Timer. This feature works even if your TV does not have its own Sleep function.

1. Press and release the TV Mode button.
2. Press and hold the **CODE SEARCH** button until the red indicator stays on. Release the **CODE SEARCH** button.
3. Press and release the **SLEEP** button (Note any previously set Sleep timer is cancelled at this point and the remote returns to normal operation).
4. Press and release the numeric buttons (01-99) for the time required. The red indicator blinks off to indicate button press acceptance and remains off after the second button press.
5. TV Sleep Timer now set.
6. Leave the Remote pointing towards the TV with an unobstructed path.

To cancel the Sleep Timer, press and release the **POWER** button in TV Mode or repeat Steps 1, 2 and 3 above.

Setup, cont.

Programming Combo Device Codes

Some Combo devices (e.g. TV/VCR, TV/DVD, DVD/VCR, etc.) will require you to set up two different Mode buttons to control both parts of the Combo device. For example, if you have a TV/DVD Combo, you might need to set up one code under the TV button to control the TV part AND a separate code (under any other Mode button) to control the DVD part.

Controlling Combo Devices

Some Combo devices (e.g. TV/VCR, TV/DVD, DVD/VCR, etc.) have separate buttons on the original remote to select the part of the Combo device to be controlled. For example, if your Combo device is a DVD/VCR then its original remote might have separate DVD and VCR buttons for selection of the Combo part you would control. The equivalent button functions can be found on your Philips remote by using the device Mode and **CODE SEARCH** buttons.

Referring to "Programming with Code Search" on page 8, setup a device Mode (e.g. DVD) with the correct code for your Combo device. Assuming the DVD/VCR Combo device is the example and its code is programmed under DVD Mode, press and hold the DVD Mode button for more than one second to send the DVD button command. To send the VCR button command, quickly press and release the **CODE SEARCH** button followed by pressing and releasing the DVD Mode button. This method can be applied similarly to all Combo devices (e.g. TV/VCR, TV/DVD, DVD/VCR, etc.) and is available for all Modes. Note this feature is not supported by all codes.

Controlling Devices Requiring Separate Power On and Off Buttons

Some devices (e.g. certain RCA TVs) require separate Power On and Power Off buttons to turn the device on and off. The equivalent button functions can be found on your Philips remote by using the device Mode and **POWER** buttons. Referring to "Programming with Code Search" on page 8, setup a device Mode (e.g. TV) with the correct code for your device.

Assuming a TV device is the example and its code is programmed under TV Mode, to turn your TV on, press and hold the TV Mode button for more than one second to transmit the Power On button command.

Setup, cont.

Controlling Devices Requiring Separate Power On and Off Buttons, cont.

To turn the TV off, press and release the **POWER** button to transmit the Power Off button command. This method can be applied similarly to any device and is available for all Modes. Note this feature is not supported by all codes.

VCR/DVD/DVR Punch-Through Feature

This remote allows the 6 VCR transport buttons (i.e. **PLAY**, **PAUSE**, **STOP**, **FF**, **REWIND**, and **REC**) to Punch-Through control from any Mode programmed with TV, SAT or Cable codes to the fast VCR, DVD or DVR programmed Mode you used. Normally other types of remotes only punch-through (from another Mode) on the 6 VCR buttons to the device programmed under the VCR Mode button. This is not much use if you are using a DVD programmed under a Mode other than VCR. For example, if you have 2 DVD, VCR or DVR devices programmed into this remote, the last one you accessed on the remote will be the one that has control of the 6 VCR transport buttons when in any other Mode. This feature will not operate if the programmed TV, SAT or Cable code has its own VCR transport button control e.g. a TV Combo, SAT/PVR, etc.

Volume/Mute Control and Punch-Through Feature

This remote lets you select which device Mode controls your Volume/Mute buttons. The remote is initially set (factory default) for all device Modes programmed with "Visual" codes (e.g. TV, VCR, DVD, DVR, SAT & CABLE) and "Audio" codes (e.g. CD & AUDIO) to use their own Volume/Mute control if present. If the programmed "Visual" code has no Volume/Mute operation of its own then those buttons will punch-through control to the TV Mode device without needing to change to TV Mode. Please refer to the next page for more information.

Setup, cont.

Any Mode chosen for Volume/Mute control MUST have its own Volume/Mute function or the Volume/Mute buttons will do nothing.

Setting ALL Volume/Mute Control to any one Mode

This routine can set all Modes to "punch-through" to any one chosen Mode for Volume/Mute button control without the needing to change to that Mode.

1. Press and hold the **CODE SEARCH** button until the red indicator turns on, then release the button.
2. Press and hold the **MUTE** button until the red indicator blinks off, then release the button.
3. Press and release the desired Mode button (TV, VCR, etc.) for Volume/Mute control, the red indicator blinks then stays on.
4. Press and release the **MUTE** button and the red indicator turns off. The red indicator will blink rapidly for three seconds if the Mode you have selected has no Volume/Mute control.
5. All other Modes will now punch-through to your chosen Mode for Volume/Mute control.
6. All "Visual" and "Audio" programmed Modes will now punch-through to the respective Modes you have chosen for Volume/Mute control.

Setting any Mode to use its own Volume/Mute Control

This routine can set any Mode to use only its own Volume/Mute control. Note - If your chosen Mode has no Volume/Mute functions of its own then the Volume/Mute buttons will do nothing.

1. Press and hold the **CODE SEARCH** button until the red indicator turns on, then release the button.
2. Press and hold the **MUTE** button until the red indicator blinks off, then release the button.
3. Press and release the desired Mode button (TV, VCR, etc.), the red indicator blinks then stays on.
4. Press and release the **VOLUME** (Down) button, the red indicator blinks then stays on.
5. Press and release the **MUTE** button and the red indicator turns off.
6. All "Visual" and "Audio" programmed Modes will now punch-through to the respective Modes you have chosen for Volume/Mute control.

Setup, cont.

TV/VCR/INPUT

When in TV mode the **TV/VCR/INPUT** button performs the **INPUT** source switch function.

When in a mode that has been programmed for VCR the **TV/VCR/INPUT** button performs the TV/VCR antenna switch function.

When in a mode that has been programmed for Cable the **TV/VCR/INPUT** button performs the A,B switch function.

When in a mode that has been programmed for SAT the **TV/VCR/INPUT** button performs the TV/SAT switch function.

When in a mode that has been programmed for DVD the **TV/VCR/INPUT** button performs the DVD Setup function.

OK means same as **SELECT** - some manufacturers use **OK** label and others use **SELECT** label on their remotes.

CC will activate the Closed Caption feature if your device has that feature.

PIP TV Picture-in- Picture control.

Troubleshooting

Remote does not operate your product.

- Press the mode button of the product you want to control.
- Program the remote with a new code.
- Install new batteries. (You might have to reprogram your remote after installing new batteries.)
- Remote may not be compatible with your product.

Remote does not operate some features of your product.

- Program remote with a new code.
- Remote may not be able to operate all features of your product or button names might be different than your product.

Red Indicator blinks after you program a product code.

- Remote did not accept the code.
- Try to program the code again or try a different code.

For help with setup, please call: 919-573-7854.

Limited Lifetime Warranty

The manufacturer warrants that this product shall be free from defects in material, workmanship and assembly, under normal use, in accordance with the specifications and warnings, for as long as you own this product. This warranty extends only to the original purchaser of the product, and is nontransferable. Defective products, together with the dated proof of purchase, must be returned to the place of purchase for repair or replacement. **THERE ARE NO OTHER EXPRESS WARRANTIES.** Incidental and consequential damages are disclaimed where permitted by law. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

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Direct Code Entry

1. Press and hold the **CODE SEARCH** button until the red indicator stays on, then release the **CODE SEARCH** button.
2. Press and release the desired Mode button (**TV**, **VCR**, etc.). The red indicator blinks, then stays lit.
3. Enter the 4 digit code from the code tables. Note: after a valid code entry, the red indicator turns off. For an invalid code, the red indicator flashes.
4. With your device on, press **CHANNEL UP**. If the device responds, no further programming is required. Note: If some buttons do not operate your device, try one of the other codes for your brand.

Code Search (by Brand)

Lets you search for a code for a specific Brand within the Code Library for a particular manufacturer.

1. Turn on the device (**TV**, **VCR**, etc.) to be controlled.
2. Press and hold the **CODE SEARCH** button until the red indicator remains on, then release the **CODE SEARCH** button.
3. Press and release the desired Mode button (**TV**, **VCR**, etc.). The red indicator blinks off once.
4. Press and release the numeric button (0-9) corresponding to desired Manufacturer (see table below). Note, pressing "0" performs a full library search same as Device Library Code Search Method.
5. Press the **CHANNEL UP** button (or **POWER** or **PLAY** (VCR only)) repeatedly until the device to be controlled changes channel.
6. Press and release **MUTE** to install the code.

Note, when all codes under a Brand have been searched the red indicator flashes rapidly for 3 seconds.

Code Search (by Device)

If after trying "Direct Code Entry" or "Code Search (by Brand)" your device does not respond, or if your brand is not listed, try doing a device search of the code library for your code by following the steps below.

1. Manually turn on the device (**TV**, **VCR**, etc.) to be controlled.
2. Press and hold the **CODE SEARCH** button until the red indicator stays on, then release the **CODE SEARCH** button.
3. Press and release the desired Mode button (**TV**, **VCR**, etc.). The red indicator blinks, then stays lit.
4. Press the **CHANNEL UP** button repeatedly (up to 300 times) until the device to be controlled changes channel. The red indicator blinks, then stays lit.
5. Press and release **MUTE** to install the code.

Most users will want to store VCR codes under the VCR button, Cable codes under Cable, etc. If you want to store a VCR code under Cable, etc., first follow the procedure for Direct Code Entry and press Cable in step 2 of Direct Code Entry, then enter ANY VCR code in step 3 of Direct Code Entry. Then follow the steps above for Brand Search or Complete Search.

Brand Search Table

Look up your brand in the appropriate column (**TV**, **VCR**, etc.) in the table below. Look for the digit (1, 2, 3, etc.) that applies to your brand, and enter it in step 4 of "Code Search (by Brand)."

Digit	TV	VCR/DVD/DVR	CABLE	SAT/DISH	CD/AUDIO
1	RCA, GE, Proscan	RCA, GE, Proscan	Scientific Atlanta	RCA, GE, Proscan, Pioneer	RCA, GE, Proscan
2	Zenith	Zenith, Apex	Ierulid	Zenith, Gemini	Zenith
3	Philips, Magnavox	Magnitz, Philips, Magnavox	Iconic, General Instrument	Philips, Magnavox	Magnitz, Philips, Magnavox
4	Sony, Panasonic, Sharp, Toshiba, Daewoo	Sony, Panasonic, Sharp, Toshiba, Daewoo, Yamaha, Denon	RCA, GE, Proscan, Pioneer	Sony, Panasonic, Sharp, Toshiba,	Sony, Panasonic, Technics, Sharp, Tostitus
5	Hitachi, Sony, LG-Goldstar, Samsung, JVC, Mitsubishi	Hitachi, Sony, LG-Goldstar, Samsung, JVC, Mitsubishi	Fennith, Gemini	Hitachi, JVC, Samsung	Hitachi, Sony, JVC, LG-Goldstar, Samsung, Mitsubishi
6	Sylvania, Fisher, Curtis-Mathes, Emerson	Sylvania, Fisher, Curtis-Mathes, Emerson	Philips, Magnavox	General Instrument, Echostar, Dish, Hughes, Fimeclan	Sylvania, Fisher, Curtis-Mathes, Emerson, Optimum
7	N/A	N/A	N/A	N/A	Panacer, Teac, Nad
8	N/A	N/A	N/A	N/A	Kenwood, Yamaha, Denon, Onkyo
9	N/A	N/A	N/A	N/A	N/A
0	ALL	ALL	ALL	ALL	ALL

TV including LCD, Plasma, & Panel TVs

ABEX	0120	DAYTRON	0002 0502	KAYPANI	0119
ADMIRAL	0603 0224 0701	DELL	0522 0404 0814	KEC	0805
ADVENT	0219 0893	DIAMOND VISION	0622 0496 0810	KENWOOD	0002 0502
ADVENTURA	0019	DIGISTAR	1503 0118	KLH	0023
AIKO	0407	.....	0413 0213 0318	KLOSS NOVABEAM	0408 0019
AIWA	0121 0221 0324 0528	DIMENSIA	0704 0601	KONKA	0906 0702 0203 0306
ALLERON	0706	DISNEY	0417	.....	0208 0911 0842 0942 0504
AMARK	0603	DUKANE	0507 0808	KTV	0906 0003 0703 0805 0608
AMTRON	0906	DUMONT	0713 0902	KURAZAI	0701
AKAI	0112 0801 0309 0027	DURABRAND	0520 0115 0317	LASONIC	0622 0496
ANAM NATIONAL	0906 0901	.....	0916 0027 0447 0323	LG	0002 0606 0502 0102 0324
.....	0104 0805 0920	DYNASTY	0805	.....	0435 0802 0307 0609 0217
AOC	0002 0102 0502	ELEKTRA	0701	LIQUIDVIDEO	0319 0418 0793
.....	0003 0217 0119 0320	ELECTROBAND	0801 0003	LODGENET	0704 0821 0601 0701
APEX	0023 0223 0123 0741	ELECTROHOME	0002 0502	LOEWE	0722 0807
ARCHER	0603	.....	0027 0901 0803	LOGIK	0704 0601 0701
ASPECT	0507	ELITE VIDEO	0321	LUCE	0107
AUDIOVOX	0906	EMERSON	0002 0502 0006 0115	LUXMAN	0002 0502
AXION	0319 0793	.....	0506 0706 0520 0906 0316	LXI	0704 0002 0502 0506 0807
BANG & OLUFSEN	0620	.....	0505 0614 0324 0924 0626	.....	0312 0512 0601 0324 0103
BELCOR	0002	.....	0826 0027 0327 0128 0228	MAGNASONIC	0706
BELL & HOWELL	0704 0506	.....	0632 0134 0247 0605 0705 0805	MAGNAVOX	0807 0002 0502
.....	0601 0701	.....	0703 0903 0004 0519 0106 0104	.....	0247 0919 0224 0430
BENQ	0709 0909 0711	.....	0304 0604 0804 0005 0105 0305	.....	0402 0408 0109 0715
BRADFORD	0906	ENVISION	0902 0502 0009	MAJESTIC	0704 0601 0701
BROKSONIC	0316 0115 0626	FISHER	0506 0612 0428 0619 0802	MARANTZ	0807 0719 0002 0502
.....	0327 0632 0041	FUJITSU	0321 0706	MEDION	0922 0421 0417
BROKWOOD	0002	FUNAI	0706 0520 0906	MEGATRON	0002 0502 0507
CANDLE	0002 0502 0019 0402	.....	0324 0247 0805	MEI	0003
CAPEHART	0119	FUTURETEC	0906 0805	MEMOREX	0002 0502 0506 0706
CELERA	0023	GATEWAY	0206	.....	0115 0704 0601 0428 0632 0701
CELEBRITY	0801	GE	0704 0312 0018 0002 0502	MGA	0002 0102 0502 0706
CENTRIOS	0518	.....	0006 0007 0601 0835 0901	.....	0802 0803 0715 0619
CENTURION	0502	.....	0114 0103 0803 0806 0310	MIDLAND	0704 0713
CETRONIC	0805	GIBRALTER	0713 0002	.....	0007 0312 0103
CHANGHONG	0023 0741	GOLDSTAR	0002 0502 0102 0324	MINUTZ	0806
CITIZEN	0002 0502 0906 0112 0512	.....	0435 0802 0307 0609 0217	MITSUBISHI	0102 0716 0706 0002
.....	0520 0115 0701 0402 0805 0407	GRUNDY	0706 0906	.....	0502 0027 0803 0715 0619
CLAIRTONE	0003	GUESTVISION	0721	MONIVISION	0205
CLASSIC	0023 0741 0805	HAJER	0709 0223 0323 0317	MONTGOMERY WARD	0704
CLP	0008	HALLMARK	0002 0502	.....	0701 0601
CLP CLASSIC	0020 0002 0006	HARVARD	0906	MOTIVA	0506
COLOR VOICE	0602	HITACHI	0410 0507 0815 0607	MOTOROLA	0603 0901
COLORTYME	0002 0502 0602	.....	0808 0002 0502 0710 0701 0802	MTC	0002 0102 0502
CONCERTO	0002 0502	.....	0707 0315 0515 0715 0519 0324	.....	0112 0512 0003
CONCERGE	0713	HISENSE	0908 0819 0223	MULTITECH	0906
CONTEC	0906 0802 0003 0805	ILO	0421 1608 1004 1903	MULTIVISION	0010
CORNEA	0606	IMA	0906	MYRON & DAVIS	0822
CRAIG	0906 0805	INFINITY	0807 0430	NAD	0002 0502 0512 0120
CROSLEY	0807	INITAL	1608	NEC	0719 0002 0102 0502
CROWN	0906 0805	INSIGNIA	0911 0520 0323 0115	.....	0901 0602 0111 0715
CURTIS MATHES	0704 0112 0614	.....	0914 0213 0318 0247 0504	NET TV	0206 0014
.....	0002 0502 0601 0506	INTEGRA	0719	NEXSTECH	1806 0318
.....	0512 0437 0701 0103	INTEQ	0713	NIKEI	0805
CTX	0603	JANEIL	0019	NIKKO	0002 0502 0407
CXC	0906 0805	JBL	0807	NORCENT	0223 0905 0207
DAEWOO	0614 0002 0502 0611	JCB	0801	NTC	0407
.....	0102 0415 0905 0615 0505	JC PENNEY	0704 0002 0102 0502	OLEVIA	1304
.....	0826 0529 0046 0609 0805 0407	.....	0112 0312 0512 0007 0601 0310	ONCOMMAND	0721
.....	0303 0602 0214 0403 0314 0503	.....	0402 0802 0103 0803 0604 0806	ONKING	0805
		JENSEN	0002 0502 0914	ONWA	0906 0805
		JVC	0607 0204 0321 0508 0326	OPTIMUS	0618 0120 0039 0739
		.....	0993 0802 0108 0308 0715	OPTOMA	1404
		KAWASHO	0002 0502 0801	OPTONICA	0603 0111

ORION 0713 0115 0105
 PANASONIC 0718 0416 0007
 0618 0807 0039 0739
 0345 0696 0901 0608
 PHILCO 0807 0002 0102 0502
 0919 0408 0109 0715 0901 0402
 PHILIPS 0807 0022 0020 0422
 0122 0222 0322 0002 0520
 0919 0521 0621 0430 0247 0901
 0402 0408 0109 0210 0310 0715
 PHILIPS-MAGNAVOX 0807 0022
 0322 0919 0224 0430
 PILOT 0002
 PIONEER 0120 0719 0808
 0002 0502 0610 0519
 PIYA 1109
 POLAROID 0819 0918 0914
 PORTLAND 0002 0102 0502
 0407 0415 0614
 PRECISION 0218
 PRICE CLUB 0112
 PRIMA 1503 0118 0213 0318
 PRINCETON GRAPHICS 0603 0511
 PRISM 0007
 PROSCAN 0704 0312 0103
 0601 0817 0917
 PROTON 0820 0002 0502
 0910 0119 0220
 PROVIEW 1104 1204
 PULSAR 0713 0002
 QUASAR 0718 0416 0007 0618
 0807 0039 0739 0901 0608
 RADIO SHACK 0704 0002 0406
 0506 0906 0618 0502 0324
 0835 0601 0802 0705 0805 0101
 RCA 0704 0002 0406 0007 0011
 0611 0811 0312 0514 0720
 0102 0502 0601 0817 0917
 0835 0901 0103 0803 0211
 0912 0114 0519 0320 0420
 REALISTIC 0704 0002 0406 0506
 0906 0618 0502 0601
 0324 0802 0705 0805 0111
 RHAPSODY 0003
 RUNCO 0713 0719 0712
 SAMPO 0014 0206 0002
 0502 0119 0802
 SAMSUNG 0112 0309 0209 0512
 0302 0502 0002 0102
 0110 0818 0895 0437
 0502 0103 0609 0012 0212
 SAMSUX 0502
 SAMTRON 0112
 SANSUI 0115 0632
 SANTECA 0021
 SANYO 0506 0311 0612 0002
 0428 0802 0412 0619
 SCOTCH 0002 0502
 SCOTT 0002 0502 0706
 0906 0004 0105 0805
 SEARS 0704 0807 0506 0706
 0112 0002 0502 0312 0512
 0612 0520 0601 0812 0509
 0041 0247 0802 0103 0619

SELECTRON 1803 1603 1703
 SHARP 0509 0913 0907 0603 0002
 0502 0224 0228 0202 0111 0813
 SHOGUN 0002
 SIGNATURE 0704 0601 0701 0903
 SIMPSON 0402
 SONIC 0003
 SONY 0414 0902 0801 0708 0639
 SOUNDESIGN 0002 0502 0706
 0906 0402 0805
 SPECTRAVISION 0921
 SQUAREVIEW 0520
 SSS 0002 0906 0805
 STARLITE 0906
 STAR SIGHT 0008
 SUPRA 0002 0809
 SUPERSCAN 0812 0509 0247
 SUPERSONIC 0096
 SUPREMACY 0019
 SUPREME 0801
 SYA 0223
 SYLVANIA 0807 0002 0502
 0115 0520 0919 0324 0247
 0402 0408 0109 0715 0717
 SYMPHONIC 0906 0520
 0324 0247 0004
 SYNTAX 1304
 TANDY 0603
 TATUNG 0709 0421 0901
 TECHNICS 0007
 TECHWOOD 0002 0502 0007
 TEKNIKA 0704 0002 0102 0502
 0706 0906 0112 0512 0618 0601
 0019 0701 0402 0802 0805 0407
 TELECAPTION 0313
 TELERENT 0704 0601 0701
 TERA 0002 0220
 TEVION 0421
 TMK 0002 0502
 TOSHIBA 0517 0419 0512 0613
 0719 0412 0506 0110
 0618 0627 0437 0041
 0094 0802 0111 0313 0715
 TRUTECH 1504
 UNIVERSAL 0806 0310
 VICTOR 0607
 VIDTECH 0002 0102 0502
 VIEWSONIC 0206 0808
 VIKING 0019
 VIZIO 0709
 WARDS 0704 0807 0002 0102 0502
 0706 0601 0408 0109 0310
 0111 0513 0806 0701 0402 0004
 WESTINGHOUSE 0915 0013
 WHITE WESTINGHOUSE 0611
 0614 0415 0215 0324 0529 0609
 YAMAHA 0618 0002 0102 0502
 ZENITH 0713 0502 0606 0409 0700
 0415 0507 0714 0405 0712 0015
 0916 0008 0002 0115 0224 0324
 0126 0326 0826 0228 0430 0632
 0435 0437 0903 0407 0505 0701

HDTV Set Top Boxes

GO VIDEO HDT100 0662
 HITACHI 61HDX98B 0864
 HUGHES HTL-HD 0362 0864 0765
 HUGHES HIRD-E8 0362 0864 0765
 LG LSS-3200A 0362 0864 0765
 LG HTL-HD 0362 0864 0765
 MITSUBISHI SR-HD5 0864
 MITSUBISHI SRHD400 0864
 MITSUBISHI SRHD500 0864
 MOTOROLA HDT100 0463
 PHILIPS DSHD800R 0864
 PIONEER SH-D505 0062
 PROSCAN PSHD105 0265
 RCA HD65W20 0467
 RCA PSHD105 0265
 RCA DTC-100 0265
 RCA DTC-210 0265
 SAMSUNG SIR-T165 0959
 SAMSUNG SIR-T351 0959
 SAMSUNG SIR-TS160 0563
 SAMSUNG SIR-TS360 0563
 SONY SATHD100 0963
 SONY SATHD200 0963
 SONY SATHD300 0963
 SYLVANIA 6900DTD 0759
 TOSHIBA DST3000 0362 0765
 TOSHIBA DST3100 0362 0765
 TOSHIBA DW65X91 0362 0765
 ZENITH HDSAT420 0065
 ZENITH HDSAT520 0065
 ZENITH DTV1080 0065

VCR

ACCELE 0037
 ADMIRAL 0224
 ADVENTURA 0726
 AIKO 0826
 AIWA 0126 0324 0528 0726
 AKAI 0324 0524 0424 0624
 0724 0027 0931 0335
 ALLEGRO 0326 0534 0925
 AMERICAN HIGH 0830
 APEX 0596
 ASHA 0037
 AT&T 0938
 AUDIO DYNAMICS 0239 0339 0025
 AUDIOVOX 0126
 BELL & HOWELL 0428
 BEAUMARK 0037
 BROKSONIC 0227 0626 0327 0632
 0041 0398 0325 0530
 CALIX 0126
 CANDLE 0625 0126 0037
 0025 0825 0026
 CANNON 0124 0830 0535
 CAPEHART 0534
 CARVER 0330
 CCE 0826 0237
 CINEVISION 0126
 CITIZEN 0625 0126 0826
 0037 0025 0825 0026

COLORTYME 0025
COLT 0237
CRAIG 0126 0037 0237 0426
CURTIS MATHES 0124 0330 0324
..... 0035 0037 0437 0025 0526 0830
CYBERNEX 0037
DAEWOO 0529 0625 0626 0826
..... 0035 0825 0026 0726 0798
DBX 0239 0339 0025
DIAMOND VISION 0291
DIMENSIA 0124
DURABRAND 0126
DYNATECH 0324 0726
ELECTROHOME 0126 0027
ELECTROPHONIC 0126
EMERSON 0626 0126 0826 0227
..... 0327 0630 0632 0134 0037
..... 0625 0924 0324 0128 0228
..... 0428 0528 0447 0247 0724 0325
..... 0526 0726 0027 0527 0827 0927
..... 0628 0530 0830 0731 0634 0735
FISHER 0032 0428 0328 0330
..... 0125 0426 0928 0029
FUJI 0524 0830
FUNAI 0324 0247 0447 0726
GARRARD 0726
GE 0124 0732 0135
..... 0835 0037 0429 0830
GOLDSTAR 0324 0126 0435
..... 0534 0236 0025
GRADIENTE 0726
GO-VIDEO 0037 0139 0342
..... 0244 0147 0798 0438
HARLEY DAVIDSON 0726
HARMAN KARDON 0025 0027
HARWOOD 0237
HEADQUARTER 0428
HITACHI 0538 0324 0336 0931 0834
HI-Q 0426
INFINITY 0430
INSIGNIA 0126
INSTANT REPLAY 0324 0830
INTEQ 0126
JC PENNEY 0124 0126 0428
..... 0037 0538 0239 0339
..... 0830 0931 0834 0935 0025
JCL 0830
JENSEN 0538 0931
JVC 0239 0339 0428 0326
..... 0443 0691 0025 0931
KENWOOD 0428 0239
..... 0339 0025 0931
KLH 0237
KODAK 0126 0830
LG 0324 0534 0435 0392
LITEON 1508
LLOYD 0324 0726
LOGIK 0237
LXI 0324 0126
MAGNAVOX 0330 0430 0534
..... 0324 0224 0124 0247
..... 0230 0125 0093 0598 0830
MAGNIN 0037
MARANTZ 0330 0428 0239 0339
..... 0530 0830 0535 0025

MARTA 0126
MATSUSHITA 0830
MEDION 0291
MEI 0830
MEMOREX 0330 0126 0428
..... 0032 0632 0534 0037 0224
..... 0324 0535 0426 0726 0830
MGA 0630 0027
MGN TECHNOLOGY 0037
MIDLAND 0429
MINOLTA 0538 0834
MITSUBISHI 0630 0431 0538
..... 0239 0339 0131 0027
MONTGOMERY WARD 0224 0631
MOTOROLA 0224 0830
MTC 0324 0037 0726
MULTITECH 0324 0037
..... 0726 0429 0237
NEC 0428 0239 0339 0530
..... 0731 0831 0931 0025 0526
NEXXTECH 0334 0546 0596
NIKKO 0126
NOBLEX 0037
OLYMPUS 0830
OPTIMUS 0525 0037 0937 0126
..... 0737 0039 0739 0224
OPTONICA 0037 0631
ORION 0227 0632
PANASONIC 0937 0739 0039
..... 0938 0124 0345 0830
PENTAX 0538 0025 0834
PHILCO 0330 0124 0125 0830
PHILIPS 0330 0430 0036 0136
..... 0738 0439 0939 0247 0230 0830
PHILIPS-MAGNAVOX 0330
..... 0430 0224
PILOT 0126
PIONEER 0132 0538 0239
..... 0339 1010 0935
POLAROID 0596
PORTLAND 0825 0026
PROSCAN 0124 0432
PROTEC 0237
PULSAR 0534
QUARTER 0428
QUARTZ 0428
QUASAR 0937 0039
..... 0124 0739 0830
RADIO SHACK 0124 0224 0324
..... 0525 0126 0428 0835
..... 0037 0737 0937 0426 0726
..... 0027 0029 0830 0631 0535
RADIX 0126
RANDEX 0126
RCA 0124 0126 0432 0532
..... 0732 0832 0932 0033
..... 0133 0233 0135 0835 0037
..... 0538 0424 0429 0830 0834
REALISTIC 0124 0224 0324
..... 0126 0428 0037 0737 0937 0426
..... 0726 0027 0029 0830 0631 0335
REPLAYTV 0938
RICOH 0936
RIO 0126 0142

RUNCO 0534
SAMSUNG 0037 0437 0625 0538
..... 0147 0895 0997 0624 0335
SANKY 0224 0534
SANSUI 0632 0239 0339
..... 0041 0227 0398 0931
SANYO 0032 0328 0428 0037 0426
SCOTT 0625 0626 0327
..... 0630 0735 0325 0927
SEARS 0937 0126 0428 0330
..... 0538 0041 0247 0426
..... 0928 0029 0830 0834 0935
SHARP 0637 0737 0224 0324
..... 0228 0825 0027 0631
SHINTOM 0524 0936
..... 0538 0237 0337
SHOGUN 0037
SIGNATURE 0324
SINGER 0830 0237
SONIC BLUE 0938
SONY 0539 0034 0524 0933 0936
..... 0540 0838 0038 0138 0238 0639
STS 0538 0830 0834
SUPERSCAN 0247
SYLVANIA 0324 0330 0630 0124
..... 0247 0726 0830 0225 0447
SYMPHONIC 0324 0225 0247 0726
TANDY 0324 0428
TASHIKO 0126
TATUNG 0931
TEAC 0324 0726 0931
TECHNICS 0830
TECHWOOD 1708
TEKNIKA 0324 0126
..... 0134 0726 0830
TIV 0738 0838
TMK 0037 0526 0731
TOSHIBA 0625 0727 0627
..... 0330 0630 0437 0538
..... 0094 0441 0029 0735
TOTEVISION 0126 0037
UNITECH 0037
VECTOR RESEARCH 0625 0239
..... 0339 0025
VICTOR 0239 0339
VIDEO CONCEPTS 0625 0239
..... 0339 0025 0027
VIDEOSONIC 0037
WARDS 0124 0224 0324 0625
..... 0126 0037 0538 0426 0726 0027
..... 0830 0631 0234 0834 0735 0237
WHITE WESTINGHOUSE 0324
..... 0529
XR-1000 0726 0830 0237
YAMAHA 0025 0931 0239 0339
ZENITH 0534 0326 0826 0228
..... 0430 0224 0324 0435 0336
..... 0936 0437 0126 0524 0632
..... 0824 0239 0339 0529 0438 0925

CD

ADC 0490
ADCOM 0767 0073
AIWA 0967 0372 0885
AKAI 0173 0375 0684
AUDIO TECHNICA 0168
CALIFORNIA AUDIO LABS 0273
CAPETRONIC 0568
CARVER 0268 0368 0468 0184
CASIO 0379
CENTRIOS 0979
CITIZEN 0284
CURTIS MATHES 0379
DENON 0668
EMERSON 0767 0968
FISHER 0368 0169 0269 0369 0473
GENEXXA 0968 0469 0573
GOLDSTAR 0673
HARMAN KARDON 0669 0770
HITACHI 0469
INKEL 0769
JC PENNEY 0670 0379
IVC 0869 0982
KENWOOD 0569 0969 0170
..... 0374 0474 0484
KRELL 0268
KYOCERA 0490
LUXMAN 0270 0370 0574 0475
LXI 0379
MAGNAVOX 0268 0774 0681
MARANTZ 0268 0470 0570 0874
MCS 0670 0379
MGA 0770
MISSION 0268
MITSUBISHI 0770 0870
NAD 0773 0975
NAKAMICHI 0970 0071 0784
NEC 0670
NEXXTECH 0679 0879 0480
..... 0580 0584 0087 0787
NIKKO 0168 0968 0269
NSM 0268
ONKYO 0171 0271 0873 0782
OPTIMUS 0368 0468 0469
..... 0569 0371 0471 0571
..... 0671 0076 0376 0776
PANASONIC 0273 0974
..... 0675 0683 0887
PHILIPS 0268 0774 0184
PIONEER 0469 0771 0871
..... 0573 0676 0385 0289
PROTON 0268
QUASAR 0273
RADIO SHACK 0468 0571 0272
..... 0676 0280 0488 0089 0289
RCA 0767 0368 0971 0973 0676
..... 0181 0086 0988 0089 0289
REALISTIC 0767 0368 0568 0968
..... 0469 0570 0371 0571
ROTEL 0268
SAE 0268
SAMSUNG 0775
SANSUI 0268 0072 0973 0075
SANYO 0368 0172 0473 0175 0875

CD cont.

SCOTT	0767 0968
SEARS	0569 0570 0379
SHARP	0569 0570
SHERWOOD	0769 0570
.....	0471 0272 0587
SIFURE	0670
SONY	0372 0880 0081 0681
STS	0490
SYLVANIA	0268
SYMPHONIC	0572
TEAC	0269 0570 0571
.....	0572 0672 0772 0287
TECHNICS	0273 0974 0683 0887
THETA DIGITAL	0774
TOSHIBA	0773
VICTOR	0869
YAMAHA	0168 0872
.....	0972 0074 0286
ZENITH	0269 0674
.....	0577 0080 0686

AUDIO

AIWA	0585 0885 0786 0687
APEX	0245
APPLE IPOD	0190
BOSE	0868
CARVER	0184
CENTRIOS	1107 0087
CITIZEN	0284
CRITERION	0446
DENON	0981 0383 0886
DELPHI	0472
FISHER	0083 0783
GOLDSTAR	0278
HARMAN KARDON	0082 0483
IPOD	0090
JVC	0680 0982 0583
KENWOOD	0969 0482 0283
.....	0484 0884 0588
KOSS	0143
MAGNAVOX	0281 0083 0193 0277
MARANTZ	0470 0084
MITSUBISHI	0389
NAD	0773 0575 0975
NEO	0174
NEXXTECH	1107 0679 0879 0480
.....	0580 0584 0087 0787
NORCENT	0392
ONKYO	0182 0782 0882 0890
OPTIMUS	0368 0376 0476 0576
.....	0776 0876 0077 0980
PANASONIC	0780 0682 0183 0983
.....	0987 0088 0790 0696
PHILIPS	0177 0083
.....	0983 0084 0184
PIONEER	0385 0288
.....	0388 0489 0990
RADIO SHACK	0272 0077 0980
.....	0282 0188 0288 0388
.....	0488 0189 0489 0589
RCA	0373 0274 0878 0779 0181
.....	0384 0186 0288 0388 0688 0788
.....	0888 0189 0489 0589 0546 0191
REALISTIC	0883

RIO	0142
SABA	0091
SAMSUNG	0047
SANYO	0172
SCOTT	0478
SHARP	0768 0070 0582
SHERWOOD	0272 0282 0487 0587
SKYFI	0174
SONY	0933 0479 0579 0180
.....	0381 0481 0581 0984
.....	0085 0185 0285 0985 0592
TAO	0174
TEAC	0672 0382 0187 0287 0387
TECHNICS	0780 0682 0183
.....	0983 0987 0088
TEVION	0446
VENTURER	0176
XMRADIO	0472 0174
YAMAHA	0781 0881 0485 0685
.....	0785 0286 0386 0486 0586
ZENITH	0269 0674 0576 0577 0178
.....	0278 0080 0083 0380 0686 0142

CABLE

ABC	0747 0947 0048 0148 0248
ADELPHIA	0852 0752
ALLEGRO	0054 0154
AMERICAST	0354
ANTRONIX	0448 0548
ARCHER	0448 0548 0648 0748
AT&T	0752
BELL SOUTH	0354
CABLETENNA	0448
CABLEVIEW	0448
CABLEVISION	0252
CENTURY	0748
CITIZEN	0748
COGECO	0752
COLOR VOICE	0848 0948
COMCAST	0752
COMTRONICS	0049 0149
CONTEC	0249
DIGITAL MUSIC EXPRESS	0053
EASTERN	0349
EVERQUEST	0049
GARRARD	0748
GC ELECTRONICS	0548
GEMINI	0255 0549
GE	0556
GENERAL INSTRUMENT (GI)	0552 0747 0148 0752 0952
.....	0453 0654 0754 0053 0048 0947
HAMLIN	0747 0649 0749 0849
HITACHI	0947
ILICO	0252
JASCO	0748
JERROLD	0552 0747 0148 0453
.....	0947 0048 0653 0254
MAGNAVOX	0150
MEMOREX	0250
MOTOROLA	0552 0148 0952 0453
.....	0654 0754 0048 0752 0254 0947
MOVIE TIME	0350
NSC	0350
OAK	0249 0550
PACE	0854

PANASONIC	0647 0452
PARAGON	0250 0450
PHILIPS	0748 0549 0150
.....	0650 0750 0850
PHILIPS-MAGNAVOX	0152 0055
PIONEER	0449 0252 0950 0051
PULSAR	0250
RADIO SHACK	0152 0055 0154
RCA	0647 0748 0352
REALISTIC	0548
REGAL	0849
REGENCY	0349
REMBRANDT	0947
ROGERS	0252
RUNCO	0250
SAMSUNG	0049 0051
SCIENTIFIC ATLANTA	0451 0351
.....	0252 0155 0852 0248 0251
SHAW	0752
SIGNAL	0049
SIGNATURE	0947
SL MARX	0049
SPRUCER	0647
STANDARD	0551
STARCOM	0747 0453
STARGATE	0049
STAR SIGHT	0352
STAR TRAK	0253
TANDY	0651
TELEVIEW	0049
TEXSCAN	0551
TIME WARNER	0252
TOCOM	0048 0751 0952 0653
TOSHIBA	0250
TV86	0350
UNIKA	0448 0548 0748
UNITED CABLE	0747
UNIVERSAL	0448 0548 0648
.....	0748 0851 0054
VIDEOWAY	0052
VIEWSTAR	0149 0150 0350 0651
VIDEO TECH	0656
VIDEOTRON	0252
ZENITH	0951 0154 0748
.....	0250 0753 0853 0953
ZENITH NETWORK	0354

SAT/DTV/WebTV

Where codes are shown like this [###] each one can be used if you have 2 or more of the SAME device.

AMPLICA	0159
BELC EXPRESSVU	0067 0366
.....	0167 0464
CHANNEL MASTER	0359
.....	0459 0559
CHAPPARAL	0657 0757
CHEYENNE	0757
DRAKE	0857 0059 0360
DREAMBOX	0663
DIRECTV	0863 0864 0564 0763
.....	0963 0259 0260 0263 0962
.....	0664 0065 0265 0465 0765 0866
.....	0966 0367 0567 0362 0563 0765
DISH NETWORK	[0167] [0366]
.....	0464 0862 0067 0460 0560 0660

DISHPRO	0460 0560 0660 0067
DX ANTENNA	0458 0859
ECHOSPHERE	0464
ECHOSTAR	[0167] [0366]
.....	0464 0862 0067 0460 0560 0660
EXPRESSVU	0067 0366 0167 0464
FORTECSTAR	0558 0157 0257
.....	0357 0457 0557
FUJITSU	0760 0860
GE	0265 0566 0365 0863
.....	0966 0666 0766 0866
GEMINI	0161
GENERAL INSTRUMENT (GI)	0466 0665 0166 0058 0158 0258
.....	0960 [0364] [0865] [0965] [0066]
GLOBECAST	0057
GO VIDEO	0662
HITACHI	0465 0564 0664
.....	0864 0765 0362
HUGHES NETWORK	0763 0765
.....	0362 0659
.....	[0465] [0564] [0644] [0864]
JVC	0464 0862
KENWOOD	0461
LUXOR	0561
MAGNAVOX	0259 0862 0565
MACOM	0661
MITSUBISHI	0765 0864 0465
.....	0564 0664 0362
MOTOROLA	0466 0463
NORSTAT	0761
PACE	0063 0163 0266
PANSAT	0060 1406
PANASONIC	0264 0260 0261
PRIMESTAR	0364 0665
PHILIPS	0259 0862 0763 0564
.....	0664 0864 0465 0765 0565 0362
PHILIPS-MAGNAVOX	0259
.....	0862 0565
PIONEER	0062
PROSAT	0957
PROSCAN	0265 0365 0666
.....	0966 0766 0866
RCA	0265 0566 0365 0863 0467
.....	0966 0666 0766 0866 0411
REALISTIC	0358 0961
SAMSUNG	0061 0959
.....	0962 0263 0563
SHARP	0062
SKY NETWORK	0063 0163 0266
SIERRA I II III	0757
SONY	0963 0367 0567 0160 0861
STARCHOICE	0665 0166 0364
STAR SIGHT	0964
STAR TRAK	0462
STS	0458 0658 0758
SUPER GUIDE	0562
SYLVANIA	0759
TOSHIBA	0765 0864 0465 0564
.....	0664 0362 0858 0064 0164 0764
ULTIMATE TV	0966 0567
UNIDEN	0964 0958 0762
UNITED	0361
VIDEO CIPHER II	0059
WEB TV	0862 0160
ZENITH	0363 0065 0267 0161
.....	0266 0857 0059 0360 0165

DVD

ADVENT	0893
AFREBY	0343
AIWA	0043
AKAI	0141 0145
AMES	0744
AMW	0393 0493
ANABA	0797
APEX	0240 0640 0740 0840
.....	0044 0644 0245 0545 0146
.....	0347 0547 0495 0992 0741 0596
ASPIRE	0994
A-TREND	0940
AUDIOVOX	0793
AXION	0793
B & K	0499
BLAUPUNKT	0644
BODYSONIC	0343
BOSE	0868
BOSS	0792
BROKSONIC	0894 0398 0041
CENTRIOS	0796 1308 1408
.....	0793 1007 1107 1507 1607
.....	1707 1008 1108 1807 0546
CHANGHONG	0741
CINEVISION	0142
CITECH	1908
CITIZEN	1908
CLASSIC	0744 1706 0741
COBY	0294 0296 0396
.....	0293 0146 0494 0091
CONCEPT	0644
CRITERION	0446
CURTIS INTERNATIONAL	0594
.....	0494
CYBERHOME	0940 0100 0595
CYTRON	0246 0440
DAEWOO	0645 0745
.....	0046 0798 0198
DENON	0641 0743
DENZEL	0444
DESAY	0497
DIAMOND VISION	0496
.....	0890 01291
DIGIX	0095
DIGITREX	0146
DISNEY	0447
DUAL	0346 0000 0297 0444 0246
DURABRAND	0546 0142 0246
DVD 2000	0841
ELTA	0045 0145
EMERSON	0142 0695
.....	0591 0247 0447
ESA	0297
FARENHEIT	0697
FISHER	0243
FUNAI	0247 0447
GE	0542 0644
GOLDSTAR	0142
GO-VIDEO	0744 0395 0798 0047
.....	0891 0791 0342 0244 0147
GPX	0295 0096
GRADIENTE	0143
GREENHILL	0644
HAAS	0746 0846
HAIRER	0195
HARMAN KARDON	0344

HITACHI	0042 0342 0444 0543
HITEKER	0146
HUMAX	0892
ILO	0597 1608
INFINITY	0343
INSIGNIA	0142 0247
.....	0793 0644 0192
INITIAL	0644 1608
INTEGRA	0843
JBL	0344
JVC	0242 0098 0691
.....	1808 0443 0993
JWIN	0640 0990 0191
KAWASAKI	0196 0546
KENWOOD	0641 0544
KISS	0444
KLH	0644 0292 0240
KONKA	0642 0742
.....	0842 0942 0192
KOSS	0143 0440
KXD	0091
LASONIC	0746 0496
LENNOX	0794 0145
LG	0142 0898 0392
LINN	0945
LITEON	0899 0891 0491 0597 1508
LIQVIDVIDEO	0793
MAGNAVOX	0441 0442 0599 0799
.....	0699 0247 0193 0093 0598
MARANTZ	0441 0142
.....	0442 0943 0799
MAXENT	0993
MEDION	0792 0246
.....	0991 0291 0597
MEMOREX	0246 1606
MERIDIAN	0441
MICROSOFT	0542
MINTEK	0644
MITSUBISHI	0841
MUSTEK	0744
MYRON & DAVIS	0897
NAD	0142 0944
NAKAMICHI	0844
NESA	0644 0897
NEXSTECH	0896 0097 0197
.....	0297 0095 1806 1007 1107
.....	1207 1307 1907 1008 0546 0596
NORCENT	0294 0899
.....	0394 0194 0494
ONKYO	0843 0199
OPTIMUS	0042
ORION	0041
ORITRON	0143 1607
PANASONIC	0241 0641 0099
.....	0698 0345 0696 0340
PACIFIC	0246
PHILIPS	0441 0442 0943 0177
.....	0599 0799 0699 0247 0447 0598
PHILIPS-MAGNAVOX	0441 0442
.....	0943 0599 0699
PIONEER	0941 0042 0299
.....	0399 0498 0592 1010
PIVA	1109
POLAROID	0140 0397 0596
POLK AUDIO	0441 0442 0799
PORTLAND	0145
PROLINE	0143
PROSCAN	0542 0690

PROSONIC	0294
PYLE	0692
RADIO SHACK	0546 0946
.....	0593 0693
RCA	0542 0644 0546
.....	0946 0693 0690
REGENT	0794
REOC	0746
RIO	0142
RJ TECHNOLOGY	1209
ROSEN	0694
ROTEL	0242
SABA	0593
SAMSUNG	0342 0047 0895
.....	0997 0790 0147
SAMPO	0343
SANSUI	0041 0398
SANYO	0092 0243
SEARS	0041 0247
SEG	0444
SELECTRON	1309 1409 1509
.....	1609 1709 1809 1909
SHARP	0341 0391 0492
SHERWOOD	0144
SHINCO	0644
SHINSONIC	0644
SONIC BLUE	0395
SONY	0300 0400 0500
.....	0541 0200 0440
SOUNDSTORM	0692 0792
SUNGLE	0996
SUPERSCAN	0247
SUPERSONIC	0096
SV2000	0247
SYLVANIA	0247 0447
SYMPHONIC	0247 0447 0591
TEAC	0042 0546
TECHNICS	0641
TECHWOOD	0944 1708
TERAPIN	0995
TEVION	0440 0246 0346
.....	0446 0646 0746 0846
THETA DIGITAL	0042
TIVO	0892 0592
TOSHIBA	0041 0441
.....	0998 0094 0999
TREDEX	0795
TRUTECH	1906
UNITED	0546
VENTURER	0546
WHARFEDALE	0845 0343
WHITE WESTINGHOUSE	0447
X-BOX	0542
XENIUS	0440
YAMAHA	0641 0643
.....	0599 0699 0442
YAMAKAWA	0445 0444 1407
ZENITH	0142 0392

Laser Disc

DENON	0132
PIONEER	0132
PROSCAN	0432
RCA	0432
SANYO	0824
SONY	0933
ZENITH	0824

DVR

Where codes are shown like this [###] each one can be used if you have 2 or more of the SAME device.

AT&T	0938
HUGHES	0659
IUMAX	0892
PANASONIC	0938 0340
PHILIPS	[0738] [0036] [0136]
PIONEER	0592 0399
RCA	0542
REPLAYTV	0938
SONIC BLUE	0938
SONY	0838 0367 0537
TIVO	0738 0838 0036 0136
.....	0367 0999 0892 0592
TOSHIBA	0999

DVD-Recorders + RW

Where codes are shown like this [###] each one can be used if you have 2 or more of the SAME device.

APEX	0495
ASPIRE	0994
BROKSONIC	0398
CENTRIOS	0796 1607 1707
COBY	0091
CYBERHOME	0395
EMERSON	0591
GO-VIDEO	0744 0891 0791
HITACHI	0543
IUMAX	0892
ILO	0597
JVC	0691 1808
KXD	0091
LG	0392
LITEON	0891 0491 0597
MAGNAVOX	[0599] [0699]
MEDION	0991 0597
MEMOREX	1606
MUSTEK	0744
ORITRON	1607
PANASONIC	0340
PHILIPS	[0599] [0699]
PHILIPS-MAGNAVOX	[0599] [0699]
PIONEER	0399 0592 1010
POLAROID	0140
RCA	0542
SAMSUNG	0790
SANYO	0092
SELECTRON	1609
SHARP	0391
SONY	[0300] [0400] [0500]
SYMPHONIC	0591
TRUTECH	1906
TOSHIBA	0998 0441
YAMAHA	[0599] [0699]
ZENITH	0392

Home Automation

GE HOMEMINDER	0201
HOME AUTOMATION	0401
X10 (NEC)	0501

Combo Devices

For Combo Devices, in many cases a single code operates both parts of the device (e.g. the TV and the VCR). In other cases you need to set up two codes. For example, one for the TV and one for the VCR. Where codes are shown below as [### ##] the first code operates the first part of the device's name, and the second code operates the second part. E.G., for a TV/VCR device, the first code operates the TV and the second code operates the VCR.

Componentes Combinados

Para los componentes combo, en muchos casos un solo código controla ambas piezas del componente (por ej., la TV y el VCR). En otros casos usted necesita instalar dos códigos. Por ejemplo, uno para el televisor y uno para la videocasetera. Donde los códigos se indican abajo como [### ##] el primer código controla la primera parte del nombre del componente, y el segundo código controla la segunda parte. Ej., para un componente de TV/VCR, el primer código controla el Televisor y el segundo código controla el VCR.

TV/VCR Combos

Where the code is listed as [### ##] the first is for the TV and the second is for the VCR. Otherwise just the one code operates both the TV and the VCR.

Unidades Combinadas de TV/VCR
Donde el código aparece como [### ##] el primer código es para el Televisor y el segundo es para el VCR. De otra manera el mismo código controla la TV y el VCR.

ADMIRAL	0224
AIWA	[0324 0528]
AKAI	0027
BROKSONIC	0632
.....	[0316 0626] [0316 0327]
CURTIS MATHES	0437
DAEWOO	[0505 0826]
.....	[0415 0529]
DIAMOND VISION	[0810 0291]
DURABRAND	[0916 0126]
ELECTROHOME	0027
EMERSON	0324 0924 0027 0028
.....	[0128 0228 0632 0134 [0505 0826]
FISHER	0428
FUNAI	[0316 0626] [0316 0327]
GE	0835
GOLDSTAR	0324 0435
HITACHI	0324
JVC	0326
INFINITY	0430
LG	0324 0435
LXI	0324
MAGNAVOX	0224 0430 0247
MEMOREX	0428 0632
MITSUBISHI	0027
PANASONIC	0039 0739
PHILIPS	0430 0247
PHILIPS-MAGNAVOX	0224 0430
OPTIMUS	0039 0739
QUASAR	0039 0739
RADIO SHACK	0324 0835
REALISTIC	0835
SAMSUNG	0324
SANSUI	0437 0895
SANSUI	0632
SANYO	0428
SHARP	0224 0228

SONY	0639
SYLVANIA	0324
SYMPHONIC	0324
TOSHIBA	0627 0437
WHITE WESTINGHOUSE	0324
.....	[0415 0529]
ZENITH	0224 0324 0326 0228
.....	0430 0632 0435 0437
[0505 0826] [0916 0126] [0415 0529]	

TV/DVD Combos

Where the code is listed as [### ##] the first is for the TV and the second is for the DVD. Otherwise just the one code operates both the TV and the DVD.

Unidades Combinadas de TV/DVD
Donde el código aparece como [### ##] el primer código es para el Televisor y el segundo es para el DVD. De otra manera el mismo código controla la TV y el DVD.

ADVENT	0893
APEX	[0623 0741]
AXION	[0319 0793]
BROKSONIC	0041
CHANGHONG	[0023 0741]
CLASSIC	[0023 0741]
DAEWOO	[0615 0146]
DIAMOND VISION	[0622 0496]
.....	[0810 0291]
DURABRAND	[0916 0142]
EMERSON	0247
FUNAI	0247
GPX	0096
HAIER	0195
ILO	1698
INITIAL	1698
INSIGNIA	0247 [0504 0192]
JVC	0993
KAWASAKI	0196
KONKA	0842 0942
LASONIC	[0622 0496]
LIQUIDVIDEO	[0319 0793]
MAGNAVOX	0247
MEMOREX	0041
NEXXTECH	1806
PANASONIC	0345 0696
PHILIPS	0247 [0520 0447]
PYRA	[109

SAMSUNG	0895
SANSUI	0041
SEARS	0041
SUPERSONIC	0096
SYLVANIA	0247
SYMPHONIC	0247
TOSHIBA	0041 0094

TV/VCR/DVD Combos

Where the code is listed as [### ##] the first is for the TV and the second is for the VCR/DVD. Otherwise just the one code operates both the TV and the VCR/DVD.

Unidades Combinadas de TV/DVD
Donde el código aparece como [### ##] el primer código es para el Televisor y el segundo es para el VCR/DVD. De otra manera el mismo código controla la TV y el VCR/DVD.

BROKSONIC	0894
DIAMOND VISION	[0810 0291]
MAGNAVOX	0247
PANASONIC	0345
PHILIPS	0247
SAMSUNG	0895
SEARS	0247
SUPERSCAN	0247
SYLVANIA	0247
TOSHIBA	0094

DVD/VCR Combos

Where the code is listed as [### ##] the first is for the DVD and the second is for the VCR. Otherwise just the one code operates both the DVD and the VCR.

Unidades Combinadas de DVD/VCR Donde el código aparece como [### ##] el primer código es para el DVD y el segundo es para el VCR. De otra manera el mismo código controla el DVD y el VCR.	
APEX	0596
BROKSONIC	0041 0398
CINEVISION	[0142 0126]
DAEWOO	0798

DIAMOND VISION	0291
DURABRAND	[0142 0126]
EMERSON	0247 [0447 0324]
FISHER	[0243 0328]
FUNAI	0247 [0447 0324]
GO-VIDEO	0342 0244 0147 0798
HITACHI	[0543 0324]
INSIGNIA	[0142 0126]
JVC	0443 0691
LG	0392
LITEON	1508
MAGNAVOX	0247
.....	[0093 0230] [0598 0230]
MEDION	0291
NEXXTECH	0396 1907 [0546 0334]
PANASONIC	0345
PHILIPS	0247 [0598 0230]
PIONEER	1010
POLAROID	0596
RCA	[0542 0124]
RIO	0142 0126
SAMSUNG	0147 0997
SANSUI	0041 0398
SANYO	[0243 0328]
SEARS	0041
SONY	0540
SYLVANIA	0247
.....	[0447 0324] [0447 0225]
SYMPHONIC	0247
.....	[0447 0324] [0591 0225]
TECHWOOD	1708
TOSHIBA	0094 0441
WHITE WESTINGHOUSE	[0447 0324]
ZENITH	[0142 0126]

DVR/SAT Combos

BELL EXPRESSVU	0366 0167
DISH NETWORK	0167 0366
DREAMBOX	0663
ECHOSTAR	0167 0366
EXPRESSVU	0366 0167
FORTECSTAR	0558 0157 0257
HUGHES NETWORK	0763 0659
RCA	0966
PHILIPS	0763
PROSCAN	0966
SAMSUNG	0959
SONY	0367 0567
ULTIMATE TV	0966 0567
ZENITH	0267

DVR/CABLE Combos

CABLEVISION	0252
ILICO	0252
PIONEER	0252
ROGERS	0252
SCIENTIFIC ATLANTA	0252
TIME WARNER	0252
VIDEOTRON	0252

DVR/DVD Combos

HUMAX	0892
ILO	0597
JVC	1808
LITEON	0597
MEDION	0597
PANASONIC	0340
PIONEER	0592 0399
TIVO	0892 0592
TOSHIBA	0999 0998

HTIB (Home Theater in a Box)

Where the code is listed as [### ##] the first is for the DVD and the second is for the AUDIO. Otherwise just the one code operates both the DVD and the AUDIO.

Unidades Combinadas de HTIB (Teatro en casa en una caja)
Donde el código aparece como [### ##] el primer código es para el DVD y el segundo es para el AUDIO. De otra manera el mismo código controla el DVD y el AUDIO.

AIWA	[0043 0585]
AMW	0493
APEX	0245
BOSE	0868
CENTRIOS	1308 1107 0546
CLASSIC	1706
CRITERION	0446
DURABRAND	0546 0142
EMERSON	0695
INSIGNIA	1208
JVC	0098
KLH	0292
KOSS	0143